

## **APPENDIX A**

### **LABORATORY QUALITY ASSURANCE MANUALS AND STANDARD OPERATING PROCEDURES**

**Appendix A Table 1. Analytical Laboratory Summary**  
**Integrlys Business Support, LLC**  
**Former MGP Sites**  
**USEPA Region 5**  
**CERCLA Docket Nos. V-W-'06-C-847, V-W-'07-C-869, and V-W-'07-C-877**

Analysis <sup>2</sup>	Analytical Laboratory <sup>1</sup>							
	Columbia Analytical Services, Inc.	Woods-Hole Group	Pace Analytical Services, Inc.	New Age/Landmark	Test America	Microbac Laboratories, Inc.	STAT Analysis Corporation	TriMatrix Laboratories, Inc.
<b>Soil/Sediment Matrices</b>								
Volatile Organic Compounds								
BTEX	X	X	X	X		X	X	X
Trimethylbenzenes <sup>3</sup>	X	X	X	X		X	X	X
Semi-Volatile Organic Compounds								
34 PAHs <sup>4</sup>	X	X	X	X		X	X	X
20 PAHs <sup>5</sup>	X	X	X	X		X	X	X
Phenols <sup>6</sup>	X	X	X	X		X	X	X
Inorganics <sup>7</sup>	X	X	X	X		X	X	X
TOC	X	X	X	X		X	X	X
Soot Carbon		X						
<b>Water Matrix</b>								
Volatile Organic Compounds								
BTEX	X	X	X			X	X	X
Trimethylbenzenes <sup>3</sup>	X	X	X			X	X	X
Semi-Volatile Organic Compounds								
20 PAHs <sup>5</sup>	X	X	X			X	X	X
Phenols <sup>6</sup>	X	X	X			X	X	X
Inorganics <sup>7</sup>	X	X	X		X	X	X	X
Available Cyanide						X	X	X
TOC	X	X	X			X	X	X
Fate and Transport Parameters <sup>8</sup>			X					X

Notes:

- Laboratory Quality Assurance Manuals are in Appendix A.
- Analysis to be performed using methods provided on Multi-Site QAPP Tables 2 through 5.
- Trimethylbenzenes include 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene.
- 34 PAHs include the parent and alkylated or chain PAHs, for sediment samples only.
- 20 PAHs include the parent PAHs.
- Phenols include 2,4-dimethylphenol, 2-methylphenol, 4-methylphenol, and phenol.
- Inorganics may include aluminum, antimony, arsenic, barium, cadmium, chromium, copper, total cyanide, iron, lead, manganese, mercury, nickel, selenium, silver, vanadium, and zinc.
- Fate and Transport Parameters may include: alkalinity (bi-carb), alkalinity (carb), ammonia, dissolved organic content, nitrate, sulfate, sulfide, ferrous iron, total dissolved solids, and total organic content.

X - indicates the laboratory may be selected to analyze environmental samples for parameters marked.

BTEX = benzene, toluene, ethylbenzene, and total xylenes.

PAHs = polynuclear aromatic hydrocarbons

TOC = total organic carbon